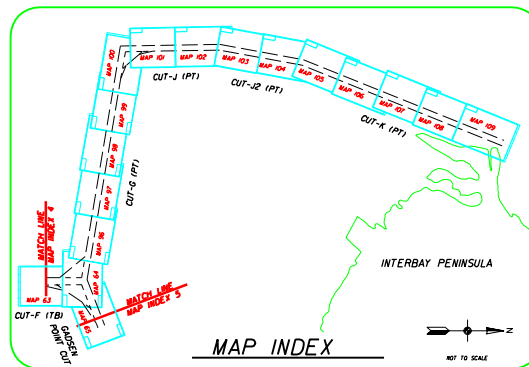


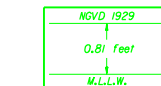
# TAMPA HARBOR, FLORIDA PROJECT CONDITION SURVEY & AFTER-DREDGE SURVEY



INSET

## SURVEY NOTES:

1. REFER TO SURVEY NO. 01-183. THIS SURVEY IS A COMPILATION OF SEVERAL SURVEYS AS SHOWN IN TABULATION THIS SHEET.
2. ELEVATIONS ARE IN FEET AND TENTHS AND REFER TO MEAN LOWER LOW WATER (MLLW) WHICH IS 0.81 FEET BELOW NGVD 1929.
3. ALL ELEVATIONS ARE BELOW THE CHART DATUM UNLESS PRECEDED BY A (+) SIGN.
4. SEE SURVEY TABULATION TABLE FOR TIDAL REDUCTIONS.
5. PLANE COORDINATES ARE BASED ON THE TRANSVERSE MERCATOR PROJECTION FOR THE WEST ZONE OF FLORIDA AND REFERENCED TO NORTH AMERICAN DATUM OF 1927 (NAD27).
6. ALL AZIMUTHS ARE GRID, RECKONED CLOCKWISE FROM SOUTH.
7. ALL STATIONING REFERS TO THE CENTERLINE OF THE CHANNEL.
8. SURVEY WAS PERFORMED USING DIFFERENTIAL GPS FOR POSITIONING AND UTILIZING THE USCG NAVIGATOR SYSTEM AS THE REFERENCE SITE. VERTICAL MEASUREMENTS WERE MADE USING A ROSS SMART SOUNDER DEPTH RECORDER WITH A 200KHZ (HIGH FREQUENCY) TRANSDUCER.
9. AIDS TO NAVIGATION WERE LOCATED DURING THIS SURVEY.
10. THE INFORMATION DEPICTED ON THIS MAP REPRESENTS THE RESULTS OF SURVEYS MADE ON THE DATES INDICATED ABOVE AND CAN ONLY BE CONSIDERED AS INDICATING THE GENERAL CONDITIONS AT THAT TIME.
11. SURVEY QUALITY CONTROL STANDARDS AND FIELD EQUIPMENT CALIBRATIONS WERE FOLLOWED DURING THIS SURVEY IN ACCORDANCE WITH EM 1110-2-1003 FOR CLASS 1 HYDROGRAPHIC SURVEYS.
12. SURVEY NOS. 01-128 AND 01-148 WERE AFTER-DREDGE SURVEYS WITH SURVEY NO. 01-128 COVERING CUT-G AND SURVEY NO. 01-148 COVERING CUTS G AND K. SURVEY NO. 01-160 WAS A PROJECT CONDITION SURVEY COVERING CUTS J-E AND K.



Relationship between NGVD 1929 and NOAA Mean Lower Low Water Tidal Datum (1960-1978 epoch)

BENCHMARK	NGVD ELEV. (FT)
MARINA	3.39

LEGEND	
+BM	BENCHMARK
⬆	LIGHTED BEACON
⬆	GREEN DAYBEACON
⬆	RED DAYBEACON
⬆	RED LIGHTED BUOY
⬆	GREEN LIGHTED BUOY
⬆	CAN BUOY
⬆	NUN BUOY
⬆	TIDE STAFF

SURVEY TABULATION					
VESSEL	AREA SURVEYED	DATE SURVEYED	STAFF LOCATION	SURVEY NO.	BENCHMARK
WB-34	CUT G & J	3-4 JANUARY 01	WOODEN PILING VICINITY OF MARINA	01-055	MARINA
WB-34	CUT-G	14 MARCH 01	WOODEN PILING VICINITY OF MARINA	01-128	MARINA
WB-34	CUTS G & J	09, 23 MARCH 01	WOODEN PILING VICINITY OF MARINA	01-148	MARINA
WB-34	CUTS J-E & K	23-24 APRIL 01	TIDES FROM NOAA PORTS SYSTEM	01-160	MARINA

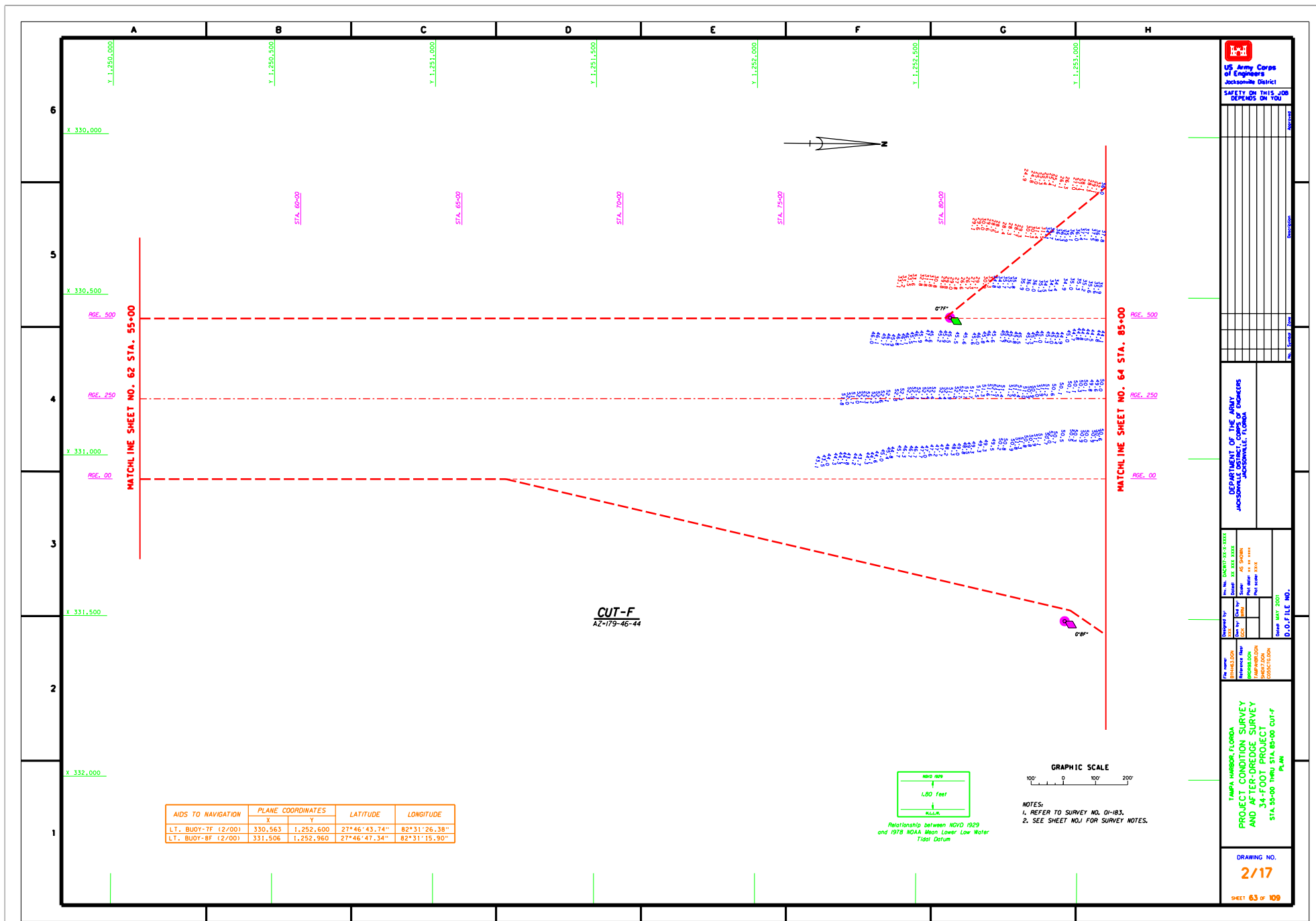
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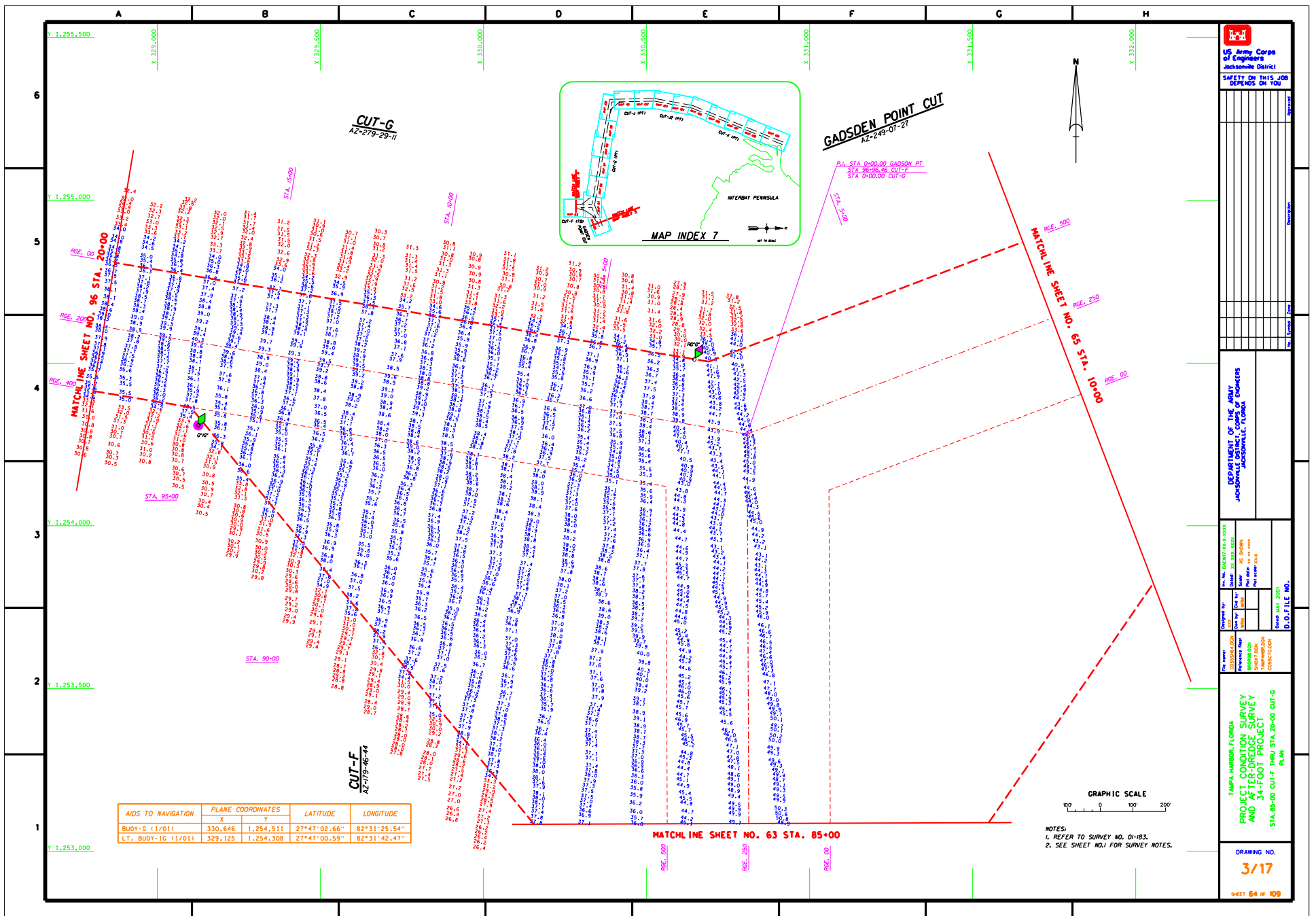
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PROJECT CONDITION SURVEY  
& AFTER-DREDGE SURVEY  
34-FOOT PROJECT  
INDEX AND LOCATION MAP  
PLAN

TAMPA HARBOR, FLORIDA  
PROJECT CONDITION SURVEY  
& AFTER-DREDGE SURVEY  
34-FOOT PROJECT  
INDEX AND LOCATION MAP  
PLAN

DRAWING NO.  
1/17  
SHEET 1 OF 109





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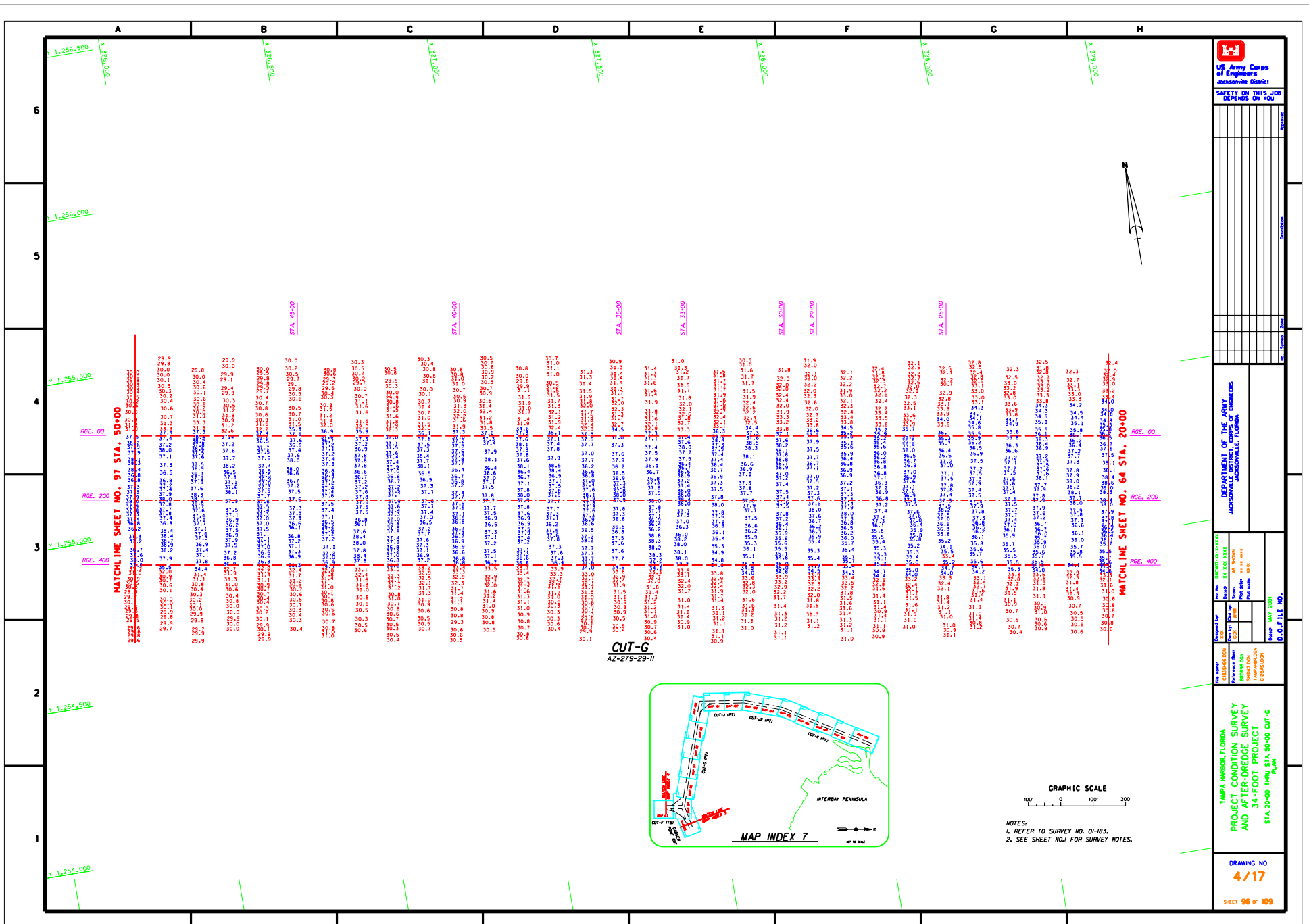
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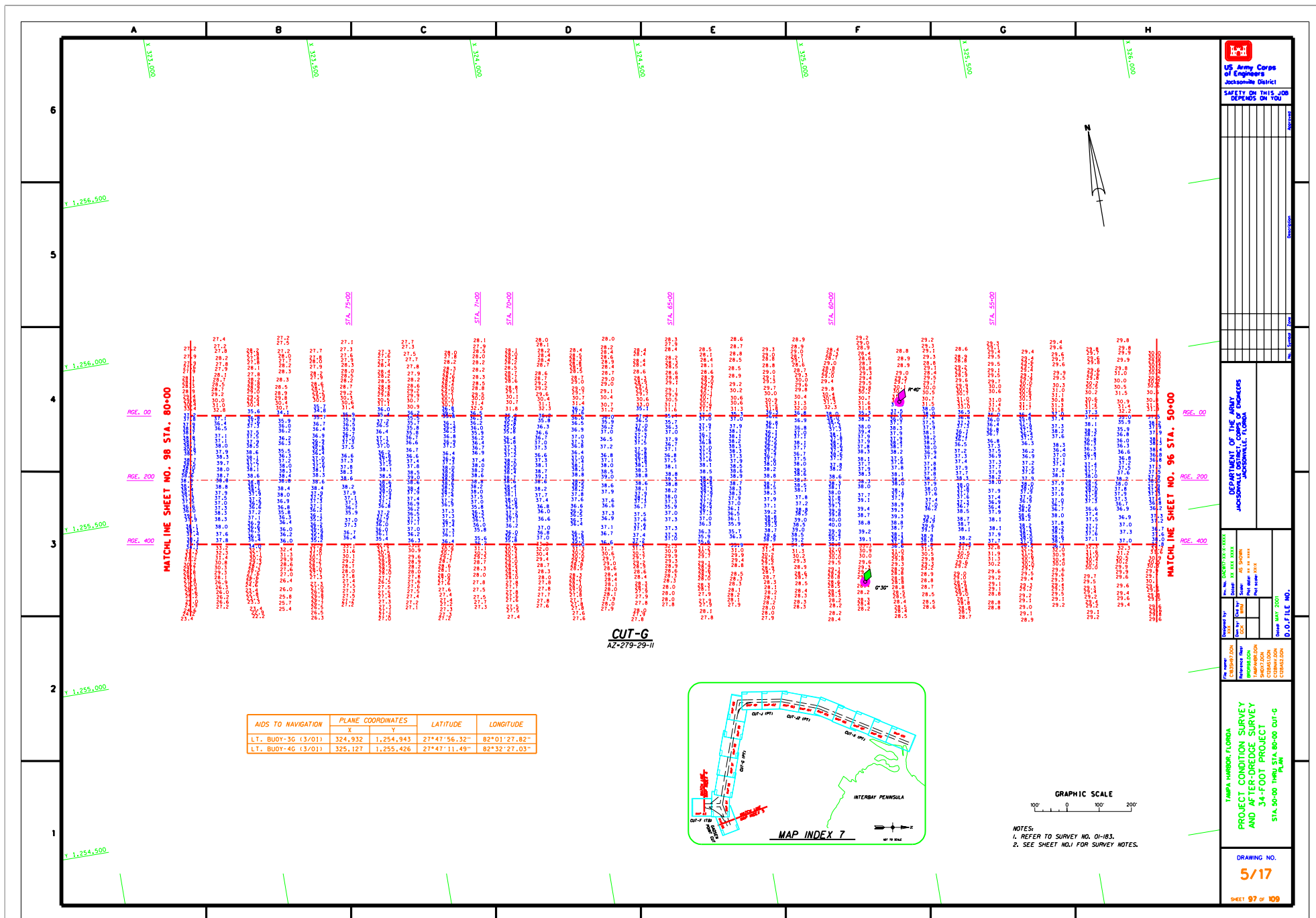
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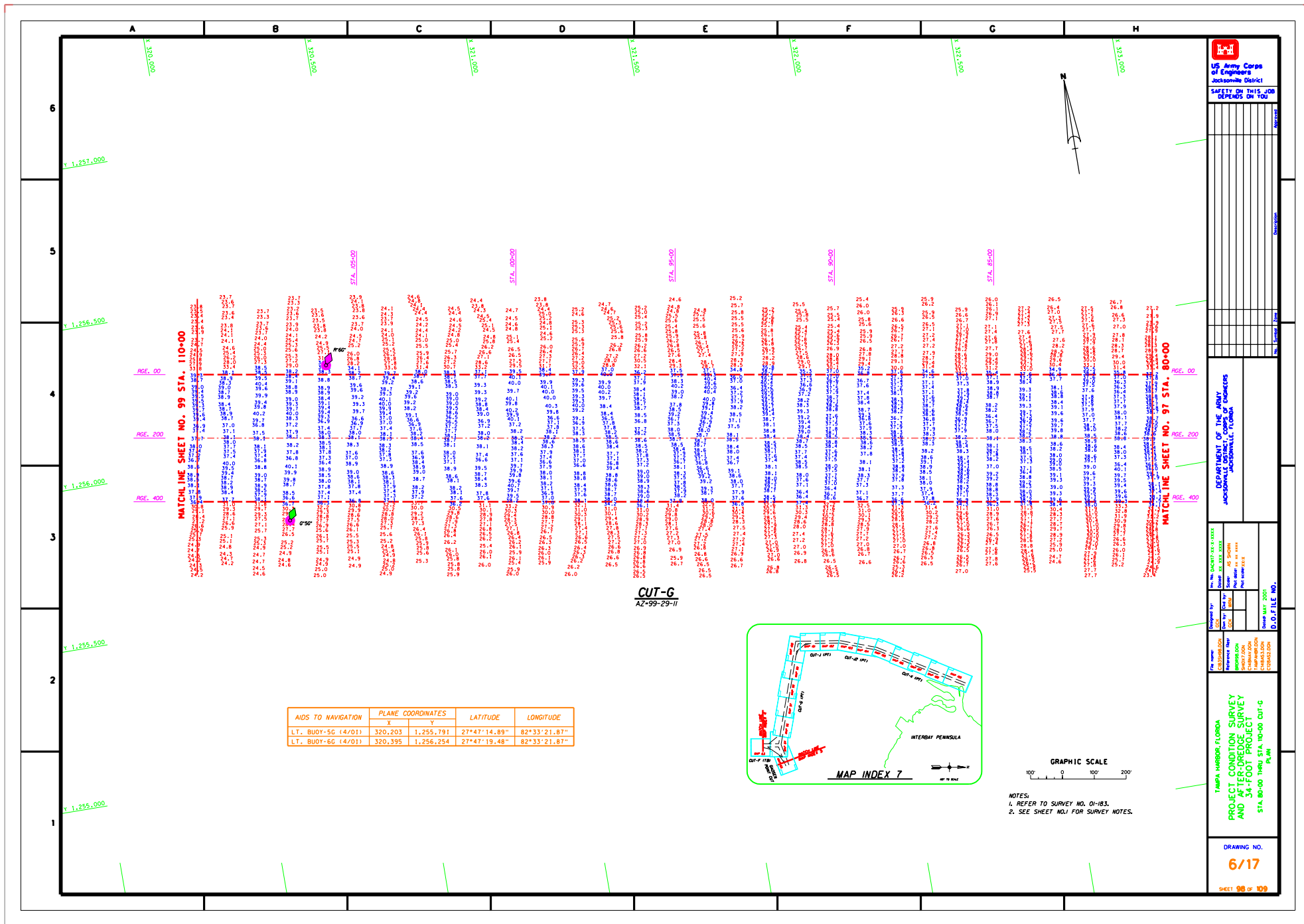
**TAMPA HARBOR, FLORIDA**  
PROJECT CONDITION SURVEY AND AFTER-OREGDE SURVEY 34-FOOT PROJECT  
STA. 85+00 CUT-F THRU STA. 20+00 CUT-G PLAN

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**DRAWING NO.**  
**3/17**  
SHEET 64 OF 109







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DEPARTMENT OF THE ARMY  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

PROJECT: CONDITION SURVEY  
AND AFTER-DREDGE SURVEY  
34-FOOT PROJECT  
STA. 80+00 THRU STA. 110+00 CUT-G  
PLAN

DRAWING NO.  
**6/17**

SHEET 98 OF 109



